

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/564,378  
Source: IFWJ  
Date Processed by STIC: 8/22/06

***ENTERED***



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/564,378

DATE: 08/22/2006

TIME: 09:58:59

Input Set : F:\51457-20020.00 - Seqlist.txt

Output Set: N:\CRF4\08222006\J564378.raw

4 <110> APPLICANT: LI, Ze  
 5 TAO, Shengce  
 6 CHENG, Jing  
 8 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DETECTING  
 9 SARS VIRUS AND OTHER INFECTIOUS AGENTS  
 11 <130> FILE REFERENCE: 514572002000  
 13 <140> CURRENT APPLICATION NUMBER: US 10/564,378  
 C--> 14 <141> CURRENT FILING DATE: 2006-01-11  
 16 <150> PRIOR APPLICATION NUMBER: PCT/CN2003/000561  
 17 <151> PRIOR FILING DATE: 2003-07-14  
 19 <160> NUMBER OF SEQ ID NOS: 945  
 21 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 19  
 25 <212> TYPE: DNA  
 26 <213> ORGANISM: Artificial Sequence  
 28 <220> FEATURE:  
 29 <223> OTHER INFORMATION: Primer  
 31 <400> SEQUENCE: 1  
 32 tttgtgcgac aatgcttca 19  
 34 <210> SEQ ID NO: 2  
 35 <211> LENGTH: 20  
 36 <212> TYPE: DNA  
 37 <213> ORGANISM: Artificial Sequence  
 39 <220> FEATURE:  
 40 <223> OTHER INFORMATION: Primer  
 42 <400> SEQUENCE: 2  
 43 gacatttgag aaagcttgc 20  
 45 <210> SEQ ID NO: 3  
 46 <211> LENGTH: 20  
 47 <212> TYPE: DNA  
 48 <213> ORGANISM: Artificial Sequence  
 50 <220> FEATURE:  
 51 <223> OTHER INFORMATION: Primer  
 W--> 53 <221> NAME/KEY: misc\_feature /  
 54 <222> LOCATION: 12  
 55 <223> OTHER INFORMATION: n = a, c, g, or t  
 W--> 57 <400> 3  
 W--> 58 aggacaacc tngaacctgg 20  
 60 <210> SEQ ID NO: 4  
 61 <211> LENGTH: 22  
 62 <212> TYPE: DNA  
 63 <213> ORGANISM: Artificial Sequence

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65 <220> FEATURE:  
66 <223> OTHER INFORMATION: Primer  
68 <400> SEQUENCE: 4  
69 aggagttgaa ccaagacgca tt 22  
71 <210> SEQ ID NO: 5  
72 <211> LENGTH: 22  
73 <212> TYPE: DNA  
74 <213> ORGANISM: Artificial Sequence  
76 <220> FEATURE:  
77 <223> OTHER INFORMATION: Primer  
79 <400> SEQUENCE: 5  
80 accacattcc cttatactgg ag 22  
82 <210> SEQ ID NO: 6  
83 <211> LENGTH: 24  
84 <212> TYPE: DNA  
85 <213> ORGANISM: Artificial Sequence  
87 <220> FEATURE:  
88 <223> OTHER INFORMATION: Primer  
90 <400> SEQUENCE: 6  
91 ttagtcatca tctttctcac aaca 24  
93 <210> SEQ ID NO: 7  
94 <211> LENGTH: 22  
95 <212> TYPE: DNA  
96 <213> ORGANISM: Artificial Sequence  
98 <220> FEATURE:  
99 <223> OTHER INFORMATION: Primer  
101 <400> SEQUENCE: 7  
102 acaaattgct tcaaattgaga ac 22  
104 <210> SEQ ID NO: 8  
105 <211> LENGTH: 22  
106 <212> TYPE: DNA  
107 <213> ORGANISM: Artificial Sequence  
109 <220> FEATURE:  
110 <223> OTHER INFORMATION: Primer  
112 <400> SEQUENCE: 8  
113 tgtctccgaa gaaataagat cc 22  
115 <210> SEQ ID NO: 9  
116 <211> LENGTH: 20  
117 <212> TYPE: DNA  
118 <213> ORGANISM: Artificial Sequence  
120 <220> FEATURE:  
121 <223> OTHER INFORMATION: Primer  
123 <400> SEQUENCE: 9  
124 gcgcagagac ttgaagatgt 20  
126 <210> SEQ ID NO: 10  
127 <211> LENGTH: 18  
128 <212> TYPE: DNA  
129 <213> ORGANISM: Artificial Sequence  
131 <220> FEATURE:

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132 <223> OTHER INFORMATION: Primer  
134 <400> SEQUENCE: 10  
135 ccttccgtag aaggccct 18  
137 <210> SEQ ID NO: 11  
138 <211> LENGTH: 21  
139 <212> TYPE: DNA  
140 <213> ORGANISM: Artificial Sequence  
142 <220> FEATURE:  
143 <223> OTHER INFORMATION: Primer  
145 <400> SEQUENCE: 11  
146 cacaatggca gaatttagtg a 21  
148 <210> SEQ ID NO: 12  
149 <211> LENGTH: 20  
150 <212> TYPE: DNA  
151 <213> ORGANISM: Artificial Sequence  
153 <220> FEATURE:  
154 <223> OTHER INFORMATION: Primer  
156 <400> SEQUENCE: 12  
157 gtcagtttga tccccgtatg 20  
159 <210> SEQ ID NO: 13  
160 <211> LENGTH: 20  
161 <212> TYPE: DNA  
162 <213> ORGANISM: Artificial Sequence  
164 <220> FEATURE:  
165 <223> OTHER INFORMATION: Primer  
167 <400> SEQUENCE: 13  
168 cagatccca agtggactca 20  
170 <210> SEQ ID NO: 14  
171 <211> LENGTH: 22  
172 <212> TYPE: DNA  
173 <213> ORGANISM: Artificial Sequence  
175 <220> FEATURE:  
176 <223> OTHER INFORMATION: Primer  
178 <400> SEQUENCE: 14  
179 tgtattaccc aagggttgtt ac 22  
181 <210> SEQ ID NO: 15  
182 <211> LENGTH: 22  
183 <212> TYPE: DNA  
184 <213> ORGANISM: Artificial Sequence  
186 <220> FEATURE:  
187 <223> OTHER INFORMATION: Primer  
189 <400> SEQUENCE: 15  
190 gatcagcatg acagtaacag ga 22  
192 <210> SEQ ID NO: 16  
193 <211> LENGTH: 22  
194 <212> TYPE: DNA  
195 <213> ORGANISM: Artificial Sequence  
197 <220> FEATURE:  
198 <223> OTHER INFORMATION: Primer

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Input Set : F:\51457-20020.00 - Seqlist.txt  
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200 <400> SEQUENCE: 16  
201 atgttcggta aaagtcgtt at 22  
203 <210> SEQ ID NO: 17  
204 <211> LENGTH: 20  
205 <212> TYPE: DNA  
206 <213> ORGANISM: Artificial Sequence  
208 <220> FEATURE:  
209 <223> OTHER INFORMATION: Primer  
211 <400> SEQUENCE: 17  
212 ccacaggga gattccaaag 20  
214 <210> SEQ ID NO: 18  
215 <211> LENGTH: 23  
216 <212> TYPE: DNA  
217 <213> ORGANISM: Artificial Sequence  
219 <220> FEATURE:  
220 <223> OTHER INFORMATION: Primer  
222 <400> SEQUENCE: 18  
223 gacattcttc ctgattcata atc 23  
225 <210> SEQ ID NO: 19  
226 <211> LENGTH: 22  
227 <212> TYPE: DNA  
228 <213> ORGANISM: Artificial Sequence  
230 <220> FEATURE:  
231 <223> OTHER INFORMATION: Primer  
233 <400> SEQUENCE: 19  
234 caaacaacgg tagaccaata ta 22  
236 <210> SEQ ID NO: 20  
237 <211> LENGTH: 24  
238 <212> TYPE: DNA  
239 <213> ORGANISM: Artificial Sequence  
241 <220> FEATURE:  
242 <223> OTHER INFORMATION: Primer  
244 <400> SEQUENCE: 20  
245 agttcagta tctatcacag tctt 24  
247 <210> SEQ ID NO: 21  
248 <211> LENGTH: 21  
249 <212> TYPE: DNA  
250 <213> ORGANISM: Artificial Sequence  
252 <220> FEATURE:  
253 <223> OTHER INFORMATION: Primer  
255 <400> SEQUENCE: 21  
256 atgtccaaca tggatattga c 21  
258 <210> SEQ ID NO: 22  
259 <211> LENGTH: 21  
260 <212> TYPE: DNA  
261 <213> ORGANISM: Artificial Sequence  
263 <220> FEATURE:  
264 <223> OTHER INFORMATION: Primer  
266 <400> SEQUENCE: 22

## RAW SEQUENCE LISTING

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Input Set : F:\51457-20020.00 - Seqlist.txt  
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```

267 gctttccta taaatcgat g          21
269 <210> SEQ ID NO: 23
270 <211> LENGTH: 21
271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Primer
277 <400> SEQUENCE: 23
278 tgatcaagtg atcggaaat g          21
280 <210> SEQ ID NO: 24
281 <211> LENGTH: 20
282 <212> TYPE: DNA
283 <213> ORGANISM: Artificial Sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: Primer
288 <400> SEQUENCE: 24
289 gatggctgc ttaattggaa          20
291 <210> SEQ ID NO: 25
292 <211> LENGTH: 20
293 <212> TYPE: DNA
294 <213> ORGANISM: Artificial Sequence
296 <220> FEATURE:
297 <223> OTHER INFORMATION: Primer
299 <400> SEQUENCE: 25
300 acagaagatg gagaaggcaa          20
302 <210> SEQ ID NO: 26
303 <211> LENGTH: 20
304 <212> TYPE: DNA
305 <213> ORGANISM: Artificial Sequence
307 <220> FEATURE:
308 <223> OTHER INFORMATION: Primer
310 <400> SEQUENCE: 26
311 attgtttctt tggcctggat          20
313 <210> SEQ ID NO: 27
314 <211> LENGTH: 20
315 <212> TYPE: DNA
316 <213> ORGANISM: Artificial Sequence
318 <220> FEATURE:
319 <223> OTHER INFORMATION: Primer
321 <400> SEQUENCE: 27
322 catccaaaaa attgcagat          20
324 <210> SEQ ID NO: 28
325 <211> LENGTH: 20
326 <212> TYPE: DNA
327 <213> ORGANISM: Artificial Sequence
329 <220> FEATURE:
330 <223> OTHER INFORMATION: Primer
332 <400> SEQUENCE: 28
333 ttggggctt gccttaatg          20

```

RAW SEQUENCE LISTING ERROR SUMMARY                   DATE: 08/22/2006  
PATENT APPLICATION: US/10/564,378                   TIME: 09:59:00

Input Set : F:\51457-20020.00 - Seqlist.txt  
Output Set: N:\CRF4\08222006\J564378.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 12  
Seq#:101; N Pos. 7,25,43  
Seq#:102; N Pos. 57  
Seq#:103; N Pos. 24  
Seq#:104; N Pos. 6  
Seq#:109; N Pos. 24  
Seq#:113; N Pos. 14,44  
Seq#:236; N Pos. 7,25,43  
Seq#:237; N Pos. 57  
Seq#:238; N Pos. 24  
Seq#:239; N Pos. 6  
Seq#:244; N Pos. 24  
Seq#:248; N Pos. 14,44  
Seq#:568; N Pos. 12

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/564,378

DATE: 08/22/2006

TIME: 09:59:00

Input Set : F:\51457-20020.00 - Seqlist.txt  
Output Set: N:\CRF4\08222006\J564378.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:53 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:57 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3  
L:58 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:1137 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1141 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:101  
L:1142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:101 after pos.:0  
L:1152 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1156 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:102  
L:1157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:102 after pos.:0  
L:1168 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1172 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:103  
L:1173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103 after pos.:0  
L:1183 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1187 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:104  
L:1188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104 after pos.:0  
L:1246 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1250 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:109  
L:1251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:109 after pos.:0  
L:1298 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:1302 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:113  
L:1303 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 after pos.:0  
L:2771 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2775 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:236  
L:2776 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:236 after pos.:0  
L:2786 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2790 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:237  
L:2791 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:237 after pos.:0  
L:2802 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2806 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:238  
L:2807 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:238 after pos.:0  
L:2817 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2821 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:239  
L:2822 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:239 after pos.:0  
L:2880 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2884 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:244  
L:2885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:244 after pos.:0  
L:2932 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:2936 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:248  
L:2937 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:248 after pos.:0  
L:6671 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!  
L:6675 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:568  
L:6676 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:568 after pos.:0